

**Emergency and Non-Routine Repairs - Ketchikan Rock Slide**

**FY2009 Request: \$1,700,000**  
**Reference No: AMD 30634**

**AP/AL:** Appropriation  
**Category:** Transportation  
**Location:** Statewide  
**House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 02/10/2009 - 06/30/2011

**Project Type:** Health and Safety  
**Contact:** Frank Richards  
**Contact Phone:** (907)465-3900

**Brief Summary and Statement of Need:**

This is a new supplemental request. Supplemental funding for emergency and non-routine expenditures associated with the hillside slide at Mile 5, North Tongass Highway in Ketchikan. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Total</u>
AK Cap Inc	\$1,700,000						\$1,700,000
<b>Total:</b>	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

FY2007 - \$463,200; FY2005 Supplemental - \$573,400; FY2003 - \$700,000; FY2002 - \$600,000; FY2001 - \$600,000; FY2000 - \$600,000; FY1999 - \$500,000.

**Project Description/Justification:**

On February 10, 2009, a portion of the hillside slid into the roadway at Mile 5. The department responded immediately to the incident with maintenance staff and equipment, as well as additional equipment from a local contractor. Local traffic was allowed to pass in approximately four hours.

Preliminary geotechnical investigations indicate the slide area is unstable and needs to be remedied immediately. There are two viable solutions: either to stabilize the slope (costly and not immediately executable) or lay back the slope. The road right of way is cut out of the hillside bedrock leaving a very steep rock cut or cliff. The rock along North and South Tongass Highways right of way is very fractured and is fractured toward the road, so when it breaks loose it falls towards the roadway.

This funding request will allow the recommended action to lay back the slope, since quick action is required to protect adjacent homeowners and the traveling public. This will require the acquisition of one, two, or possibly three homes. At this time one house has been tagged as "unsafe for occupancy" by city building officials. An adjacent house is also possibly threatened but has not been tagged and is still occupied, as is a third adjacent property. The initial estimate for this action is \$1,700,000. Of that amount \$130,000 is for design and environmental, \$785,000 is for right of way, \$735,000 is for construction and \$50,000 is for utilities.

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